OOK

h	Depth 6	Contents 7	Reference to last Measurement 8
Total		Rs: 39,93,391-00	
IT		- 79868-00	
CW		- 39934-00	
CBT		- 3993-00	
FSD		- 199670-00	
LR		- 39867-00	
CGST		- 35655-00	
SGST		- 35655-00	
Fine		5590-00	
Addl		- 440232-00	
Charge:		35,53,159-00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496225

Premeasurements:
1st and final bill:

Serial No. .....

Name of Work Improvements to roads and drains ~~From~~ at Jakkur gramatana in ward 7 byadarayanapura. .....

Name of Contractor of nature of Agency M/s. KRIDL .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Est cost:-	Rs. 15.00 lakhs					
	Job number:-	007-18-000040					
	Head of account:-	P3333					
	A.S. NO:-	AS|EE|BTP|144|17-18; dt: 23.12.17					
	T.S. NO:-	TS|CE(YNK)|529|17-18; dt: 12.01.18					
	Agr NO:-	NO. EE|BTP|Agr|03|17-18; dt:					
	Work order NO:-	NO. BBMP|EE|BTP|WO|03|17-18; dt: 02.03.18					
	Work order amount:-	Rs. 14,97280|- (Including KRIDL charges)					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. 01:- Premeasurements recorded on: 10.10.18						
	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2m;						
	Meese-hanumanthappa layout: (De-silting of drains)						
	~~1st main road:~~	~~60~~	~~0.60~~	~~0.75~~	-	= ~~27.0~~	
		~~40~~	~~0.60~~	~~0.75~~	-	= ~~18.0~~	Not recorded
		~~57~~	~~0.60~~	~~0.75~~	-	= ~~16.70~~	NIL DETAIL
	~~1st cross road:~~	~~40~~	~~0.60~~	~~0.75~~	-	= ~~18.0~~	
	~~2nd cross road:~~	~~115~~	~~0.60~~	~~0.75~~	-	= ~~51.80~~	
	~~Cross road:~~	~~83~~	~~0.60~~	0.75	-	= ~~37.4~~	
	~~2nd main road~~	~~43~~	~~0.60~~				

M.

Serial No. .....

Name of Work ..... F

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	1st Main road:-	0
		0
		0
	1st 'A' cross:-	0
	1st 'B' cross:-	0
	1st 'C' cross:-	0
	2nd main road	0
		0

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
.18			
means		on ordinary soil	
	upto	2m.)	
5	-	= ~~2.70~~	
5	-	= ~~18.0~~	Not recorded
5	-	= ~~16.70~~	NOD DET(W)
5	-	= ~~18.0~~	
5	-	= ~~5.80~~	
5	-	= ~~3.74~~	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496226

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	1st Main road:-	02	30.0	0.45	0.60	= 16.20	
		02	30.0	0.45	0.60	= 16.20	
		02	30.0	0.45	0.60	= 10.80	
	1st 'A' cross:-	02	24.0	0.45	0.60	= 12.96	
	1st 'B' cross:-	01	24.0	0.45	0.60	= 6.48	
	1st 'C' cross:-	01	30.0	0.45	0.60	= 16.20	
	2nd main road	01	15.0	0.45	0.60	= 8.10	
		02	30.0	0.45	0.60	= 16.20	
		02	30.0	0.45	0.60	= 16.20	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Road towards Khasinagara.	02	35.0	0.45	0.60	= 18.90	
		02	30.0	0.45	0.60	= 16.20	
		02	30.0	0.45	0.60	= 16.20	
		02	20.0	0.45	0.60	= 10.80	
						181.41 cum.	
	Qty ltd to 157.95 cum.						
	Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P. Bangalore.						
	N.D AE(W)						

Serial No. MAIN-BILL:
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	Item No.01:- Earthwork exc involving an average he 0.5m, excavated surface earth to be levelled near specification. Qty vide page no at the rate of R	

OK

Depth 6	Contents 7	Reference to last Measurement 8
0·60 =	18·90	
0·60 =	16·20	
0·60 =	16·20	
0·60 =	10·80	
	181.44 cum.	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496227

Serial No. MAIN-BILL:

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No. 01:- Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2m and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breating of clods complete as per specification.						
	Qty vide page no. 4963/496226 →					157.95 cum	
	At the rate of Rs. 86.92 →						13729.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item. NO. 02:- Providing and constructing load bearing wall with solid concrete solid blocks having block density not less than 18000 kg/m³ having a minimum average compressive strength of 5.00 N/mm² confirming to IS 2185 and constructed with CM 1:4 as per IS 2572, including cost of all materials.,						
	5th 'B' cross:-	01	30.0	0.20	-	= 6.00	
	5th 'B' cross:-	01	30.0	0.20	-	= 6.00	
	5th 'B' cross:-	01	25.0	0.20	-	= 5.00	
	6th 'B' cross:-	02	30.0	0.20	-	= 12.0	
		02	30.0	0.20	-	= 12.0	
		02	37.0	0.20	-	= 14.80	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	7th 'B' cross:-	
	Main road:-	
	Meese hanumanthappa	
	1st 'C' cross road: cross no act.	

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
d bearing wall with solid density not less than 18000 kg/m³ pressive strength of 5.00 N/mm² ed with CM 1:4 as per IS 2572.			
0.20	-	= 6.00	
0.20	-	= 6.00	
0.20	-	= 5.00	
0.20	-	= 12.0	
0.20	-	= 12.0	
0.20	-	= 14.80	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 496228

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	7th 'B' cross:-	02	30.0	0.20	-	= 12.0	
		02	8.5	0.20	-	= 3.4	
	Main road:-	01	30.0	0.40	-	= 12.0	
		01	30.0	0.40	-	= 12.0	
		01	30.0	0.40	-	= 12.0	
		01	30.0	0.40	-	= 12.0	
		01	26.0	0.40	-	= 10.4	
	Meese hanumanthappa layout:-						
	1st 'c' cross road:	02	45.0	0.40	-	= 36.0	
	cross road.	02	7.5	0.40	-	= 6.0	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				Total=		171.6 sqm	
	Qty ltd to ~~32.00~~ 171.00 sqm			Li.		~~32.00~~	~~3178~~
	At the rate of Rs. 993.22 →						~~169840.60~~
							169841-
Item No.05:-	Providing and fixing RCC precast cover slab of 100mm th for drain in cement concrete M30 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc.;						
	Covering slabs:-						
	Jakkur gramatana [SC colony].						
	5th 'B' cross	FL. 100	0.60	0.75	-	= 45.0	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	6th 'B' cross:
	7th 'B' cross
	Main road [dama
	Meese-hanumanthap
	1st main road:
	1st 'A' cross road:
	1st 'B' cross road:
	1st 'C' cross road

BOOK

s		Contents	Reference to last Measurement
dth	Depth 6	7	8
tal =		171.6 sqm	
Li.		32.00 ~~3778.~~	
		~~1698~~ 40.60	
		~~1698~~ 4 1-	
cover slab of 100mm th for			
aded granite jelly 20mm			
, including form work,			
ched surfaces on both			
75	– = 45.0		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496229

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	6th 'D' cross:	182	0.60	0.75	–	= 81.90	
	7th 'D' cross	65	0.60	0.75	–	= 29.25	
	Main road [damages]	15	0.60	0.90	–	= 8.10	
						119.25 sqm	
	C&FC. ನ.ಅ.(ಪ್ರ.ಎ) 31/01						
	Meese-hanumanthappa layout:						
	1st main road:	150	0.60	0.75	–	= 67.5	
	1st 'A' cross road:	80	0.60	0.75	–	= 36.0	
	1st 'D' cross road: C&FC	40	0.60	0.75	–	= 18.0	
	1st 'E' cross road 31/01	150	0.60	0.75	–	= 67.5	
	ನ.ಅ.(ಪ್ರ.ಎ)						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2nd main road:	305	0.60	0.75	-	= 137.25	
						326.25 Sqm	
	Road towards Khasinagara.	107	0.60	0.75	-	= 048.150 Sqm	
	~~Jakkur layout colony:~~	~~100~~	~~0.60~~	~~0.75~~	-	= ~~45.0~~	
	~~Jakkur missing slabs:~~	~~155~~	~~0.60~~	~~0.75~~	-	= ~~69.75~~	NDP DE(01)
						493.00 Sqm	
	At the rate of Rs. 2100.00 →						1035300.00
Item.No.03	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete in layers						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	not exceeding 15 cms, th all materials, labour, specifications: Meese-hanumanthappa 1st main road: (2sides)

BOOK

dth	Depth 6		Contents 7	Reference to last Measurement 8
5	–	=	137.25	
			326.25 Sqm	
75	–	=	048.150 Sqm	
75	–	=	~~45.0~~	NOD DE(01)
75	–	=	~~69.75~~	
			495.00 Sqm	
				10355300.00

plain cement concrete of
width 40mm and down size
gates @ 0.892 cum and
mixed, concrete in layers

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496230

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	not exceeding 15cms, th, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications:						
	Meese-hanumanthappa layout:						
	1st main road: (2sides)	01	30.0	0.30	0.15	= 1.35	
		01	30.0	0.30	0.15	= 1.35	
		01	30.0	0.30	0.15	= 1.35	
		01	30.0	0.30	0.15	= 1.35	
		01	30.0	0.30	0.15	= 1.35	
		01	30.0	0.30	0.15	= 1.35	
		01	6.0	0.30	0.15	= 0.27	
						8.37 cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st 'D' cross road:	02	24.0	0.20	0.15	= 1.44	
	1st 'C' cross road:	02	30.0	0.20	0.15	= 1.80	
		02	15.0	0.20	0.15	= 1.80	
						13.41 cum	
	Qty ltd to 12.15 cum						
	At the rate of Rs. 5338.35 →						64860.95
	Item No. 02:- Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.459 cum, machine mixed concrete laid in layers not exceeding 15 cms, th well compacted:)						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Meese- hanumanth
	1st main road: (2 si
	1st 'D' cross road:
	1st 'C' cross road:

OK

Depth 6	Contents 7	Reference to last Measurement 8
·15	= 1·44	
15	= 1·80	
15	= 1·80	
	13.41 cum	
		64860.95
ion	cement concrete of	
and	down size graded	
cum	and fine	
	concrete laid in	
ed)		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496231

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Meese- hanumanthappa layout:						
	1st main road: (2 sides)	01	30·0	0·30	0·10	= 0·90	
		01	30·0	0·30	0·10	= 0·90	
		01	30·0	0·30	0·10	= 0·90	
		01	30·0	0·30	0·10	= 0·90	
		01	30·0	0·30	0·10	= 0·90	
		01	30·0	0·30	0·10	= 0·90	
		01	6·0	0·30	0·10	= 0·18	
						5·58 cum	
	1st 'A' cross road:	02	24·0	0·20	0·10	= 0·96	
	1st 'C' cross road:	02	30·0	0·20	0·10	= 1·20	
		02	15·0	0·20	0·10	= 0·60	
						2·76 cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total =	8.34 cum	
	Qty ltd to 8.10 cum						
	At the rate of Rs. 5767.46 →						46716.42
	Item No 06:- loading and unloading of stone boulders / stone agg sand / kanker / moorum.						
	Qty vide item no 01 →					157.95 cum	
	At the rate of Rs. 106.00 →						16742.70
	Total = 134718960 ⇒ 1343714-00						
	Add 10% KRDL charges = 13471896 → 134371-00						
	Add 1% cess charges = 1347189 → 13437-00						
	Grand total = 14953804.5 → 14,91,522						

Cute
Due / 14/12/18
Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka, BBMP.
Bangalore.

No Hall
AE(Civil)
14/12/18

Rs. 15.42.135.

Serial No. Royalty charges:
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
Sl. No.	Details
03.	12.5 cum - PCC 1:4:8
04.	8.10 cum - 1:2:4
	Total:

Abstract:-
1) coarse- aggregate
2) fine- aggregates:

BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
Total =		8.34 cum	
→			46716.42
one	boulders / stone aggg		
		157.95 cum	
→			16742.70
= 1347189.60			⇒ 1343714-00
ges = 1347189.96			1343711-00
es = 13431.89			13437-00
otal = 1495380.45			14,91,522-
Rs. 15.42.135.-			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496232

Serial No. Royalty charges: From..... To.....

Name of Work .....

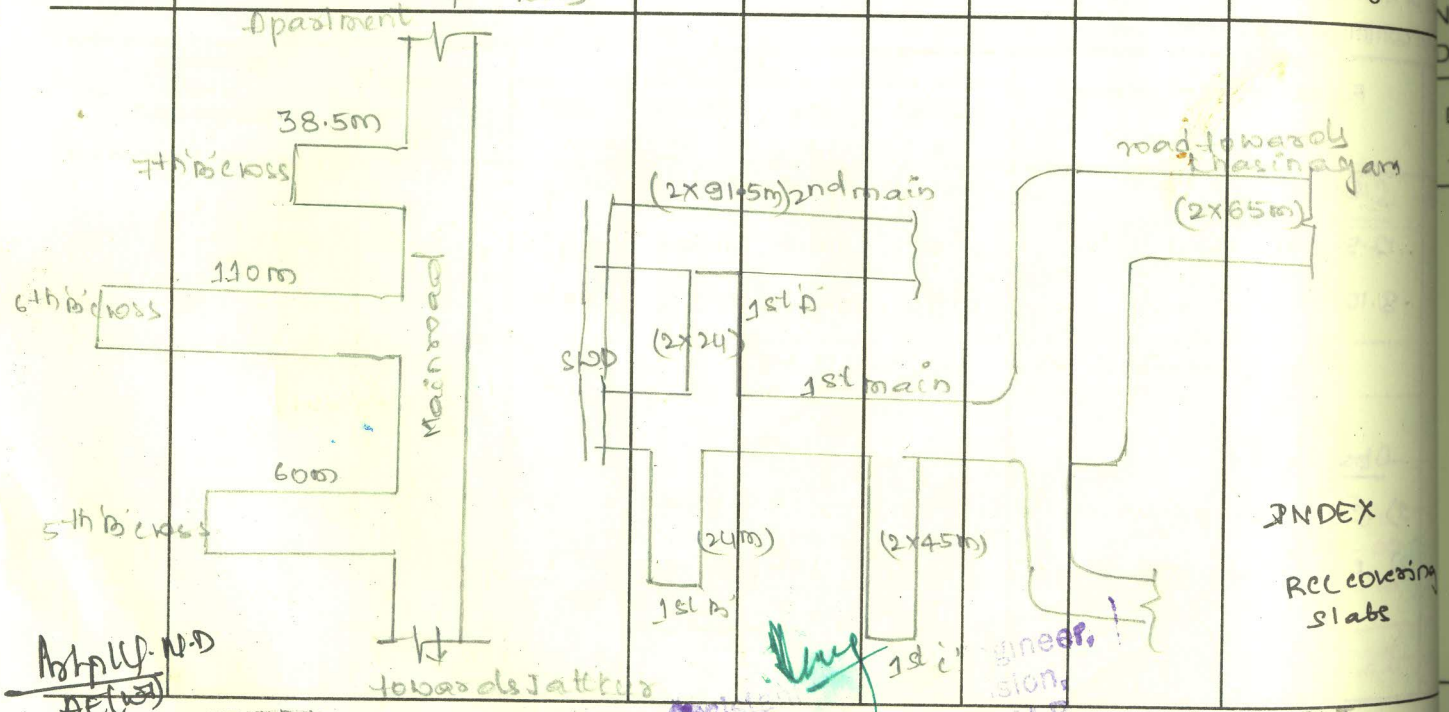
Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length (Coarse)	Breadth (Fine) 5	Depth 6	Contents 7	Reference to last Measurement 8
Sl. No.	Details	Co-eff	Qty	Co-eff	Qty.		
03.	12.5 cum - PCC 1:4:8	0.96	12.0	0.48	6.0		
04.	8.10 cum - 1:2:4	0.90	7.29	0.45	3.64		
	Total:		19.29		9.64		
	Abstract:-						
	1) coarse-aggregates:	19.29 x 108	cum =		2083.32		
	2) fine-aggregates:	9.64 x 105	cum =		1012.20		
					3095.52	—	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2 towards ROB	3	4	5	6	7	8



Asstt Ely. N.D
AE(Ret)

JATTUR · SC COLONY — MEESE HANUMANTHAPPA LAYOUT

Serial No. .....
Name of Work ..... F
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3

Certificate:-

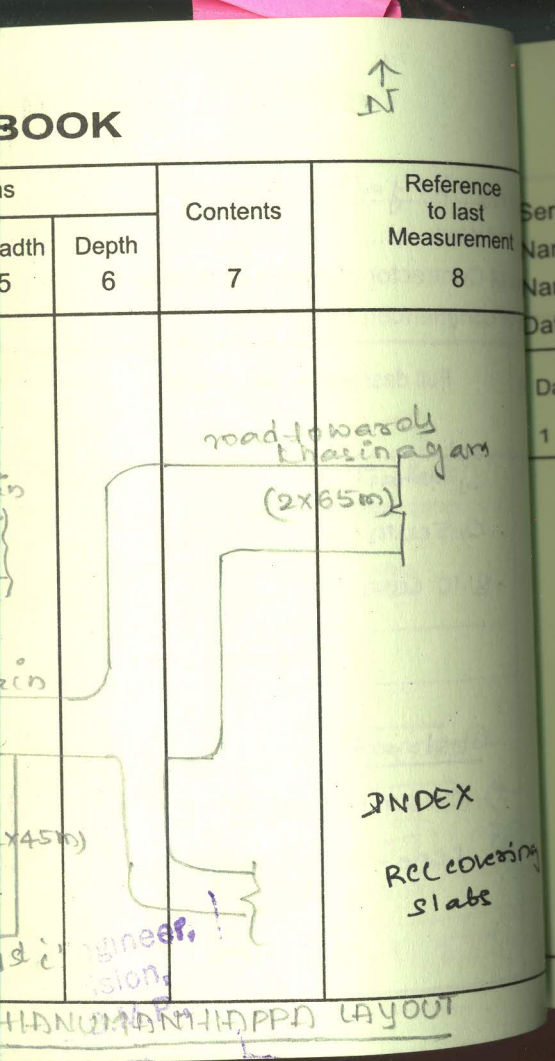
1) certified that the contra
2). certified that debris ha
3). certified that above qu

Asstt Ely. N.D
AE(Ret)

Assistant Exe
Byatarayanap
KRIDL, BE

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8



M. A. R. 57 (Rule 116)
Measurement Book

No. B

496233

Serial No. ..... From..... To.....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Certificate:- 1) certified that the contractor has completed the work satisfactorily. 2). certified that debris has been removed from workspot. 3). Certified that above quantities are not claimed under any other grants. Asstt.E.E. AE(NZ)						

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BR No: 201 | 31-01-2019

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Reference to last Measurement
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	8

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 14,91,522-00.

ಗಣಕೀಕರಣ ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 155792--

ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 1335730-

ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ಲೆಕ್ಕಾಧೀಕ್ಷಕರು
ವ್ಯಾಪಾರೋದ್ಯಮಗಳ ವಿಭಾಗ
ಬೃ. ಬ. ಮ. ಪ್ರಾ.

31/01

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ವ್ಯಾಪಾರೋದ್ಯಮಗಳ ವಿ
ಬೃ. ಬ. ಮ. ಪ್ರಾ

31/01

Total Rs: 14,91,522-00

IT - 29830-00
Cess - 1491-00
CBF - 1492-00
LR - 3095-00
FSD - 74576-00
Fine 5250-00
CGST - 13317-00
SGST - 13317-00

Adj Rs: 15,5,792-00
Cheque Rs: 1335730-00

Pre measurements
Serial No. 1st and final bill:
Name of Work Re-establishment of
Name of Contractor of nature of Agency
Date of commencement of work

Date	Full description, etc, of work
1	2
	Est cost:
	Job number:
	P code:
	AS-NO:
	TS NO.
	Agr NO:-
	work order no:-
	work order amount:-